

December 8th

ACRYLICS

LECTURER: To be announced.

January 5th

NYLON POLYAMIDES

LECTURER: To be announced.

January 12th

POLYETHYLENE RESINS AND POLYPROPYLENE; VARIOUS DENSITY MATERIALS

LECTURER: Mr. R. K. Buhr,
Canadian Industries Limited.

January 19th

RESINS OF THE FUTURE - POLYCARBONATE, DELRIN, LEXON

LECTURER: Mr. H. A. Cadd,
Manager Engineering,
Plastics Section,
Canadian General Electric Co. Ltd.

January 26th

REINFORCED PLASTICS - EPOXY, POLYESTER, SILICONES AND ALKYDS

LECTURER: Mr. F. Harold Humphrey,
Vice-President,
Humphrey-Cosburn Plastics Ltd.

February 2nd

FOAM PLASTICS

LECTURER: Mr. J. Hurren,
Robinson Foams Limited.

February 9th

PROCESSING TECHNIQUES - THERMOSETTING MATERIALS

LECTURER: Mr. Frank H. Lambert,
Moulding Consultant.

February 16th

PROCESSING TECHNIQUES - THERMOPLASTICS

LECTURER: Mr. D. M. Taylor,
Research Director,
Don M. Taylor & Associates.

February 23rd

PANEL

MODERATOR: Professor W. G. MacElhinney.



**UNIVERSITY OF TORONTO
UNIVERSITY EXTENSION**

Session 1959-60

Course on

**FUNDAMENTALS
and
TECHNOLOGY
of the
PLASTICS INDUSTRY**

sponsored by
**THE ONTARIO CHAPTER OF THE
SOCIETY OF PLASTICS ENGINEERS**

P80- 0225
(45)

FUNDAMENTALS AND TECHNOLOGY OF THE PLASTICS INDUSTRY

Tuesdays

18 lectures

As a general review of basic and useful knowledge concerning the plastics; their history, origin and raw material sources, their physical, chemical and electrical properties and their limitations; methods of their fabrication and essential information concerning their design.

COURSE DIRECTOR:

Professor W. G. MacElhinney, M.A.Sc.

COURSE CONSULTANT:

J. R. Parkhill.

EDUCATIONAL PROGRAMME COMMITTEE:

J. R. Parkhill, Chairman,
Barnett J. Danson & Associates Ltd.
K. C. Blakeley,
Chemical Oil & Resins Ltd.
R. K. Buhr,
Canadian Industries Ltd.
C. L. Seay,
Eastman Chemical Ltd.

TIME: 7.30 p.m., Fall term October 6 to December 8, Winter term January 5 to February 23.

PLACE Room 102, Mechanical Building.

FEE: \$25.00.

Registration:

By mail or in person at Room 207, 65 St. George Street, 9 a.m. to 5 p.m. daily except Saturdays. Application forms and course literature may be obtained by writing to the Director, University Extension, 65 St. George Street, Toronto, or by telephoning WA. 3-6611, locals 301, 304, 526, 527. In order to accommodate students and enable them to enrol during the evening, registrations will be taken—

Monday	September 14th
Wednesday	September 16th
Monday	September 21st
Wednesday	September 23rd
Monday	September 28th

from 7.30 to 9 p.m. in the Wallberg Building, corner of St. George and College Streets.

PROGRAMME

October 6th

GENERAL INTRODUCTION TO THE COURSE
LECTURERS: Professor W. G. MacElhinney,
Department of Chemical Engineering,
University of Toronto.
Mr. John Glen,
President of S.P.E.

October 13th

NOMENCLATURE OF THE INDUSTRY
LECTURER: Mr. Barney Kellem, Engineer,
Ontario Hydro Electric Commission.

October 20th

TEST METHODS OF PHYSICAL PROPERTIES (Part 1)
LECTURER: Mr. R. K. Buhr, Supervisor,
Technical Service & Development,
Plastics Division,
Canadian Industries Limited.

October 27th

TEST METHODS OF PHYSICAL PROPERTIES (Part 2)
LECTURER: Mr. R. K. Buhr,
(Visit to C.I.L. Lab, New Toronto).

November 3rd

POLYMERIZATION THEORY
LECTURER: Professor W. G. MacElhinney,
University of Toronto.

November 10th

PHENOLICS, UREAS AND MELAMINES
LECTURER: Mr. W. L. Canniff,
Manager of Development,
Bakelite Company.

November 17th

CELLULOSICS
LECTURER: Dr. B. P. Rouse,
Eastman Chemical Products,
Kingsport, Tennessee.

November 24th

STYRENE AND STYRENE COPOLYMERS
LECTURER: Mr. C. B. Crawford,
Supt. Plastics Section Tech. Service and
Development,
Dow Chemical Company, Sarnia.

December 1st

VINYLS AND VINYLDENE - RIGID, ELASTOMERIC, PLASTOSOLS
LECTURER: Mr. Clyde D. Segner,
Manager of Canadian Technical Service,
B. F. Goodrich Rubber Co. of Canada,
Kitchener.